

Telex® Technical Data

2.4 GHz WLAN Yagi Antenna
Order No. 2415AB

2.4 - 2.484 GHz

General Description

This antenna is a totally enclosed 16 element Yagi antenna for the 2400 to 2484 MHz frequency band. It is designed to be used as a bridge antenna between two networks or for point to point communications. It has a nominal VSWR of 1.5:1 and is less than 2:1 over the entire frequency band. The gain is 13.5 dBi and the half-power beamwidth is 30 degrees. This antenna is normally mounted on a mast and is vertically polarized.



Specifications

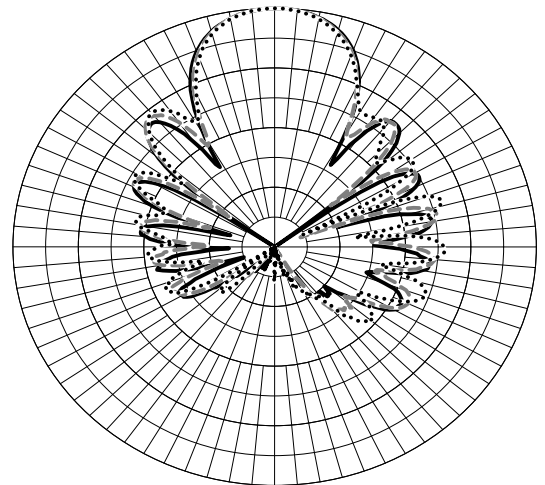
Electrical:

Frequency Range 2400 - 2484 MHz
VSWR Less than 2:1, 1.5:1 Nominal
Nominal Impedance 50 ohms
Gain 13.5 dBi (11.3 dBd) Nominal
Front-to-Back ratio greater than 20 dB
Half-power Beamwidth 30 degrees
Polarization Vertical

Mechanical:

Size 18" (46 cm) long
Mounting method clamps to vertical mast up to - 1 5/8" O.D
Cable length 36" (91 cm)
Cable Type RG-58 A/U Type, 50 ohm, low-loss, white
Connector Reverse Polarity (RP) TNC

MODEL: 2415AA
14 dBi 16 ELE YAGI
Azimuth Pattern



Frequency List
Freq: 2.400 GHz ———
Freq: 2.441 GHz ———
Freq: 2.500 GHz ·····

Since it is the intent of TELEX COMMUNICATIONS, INC. to continually improve its products, Telex reserves the right to make specification and design changes without notice.

TELEX®

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